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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/136,244	08/19/1998	MORDECHAI M. BEIZER	76179DAN	1470
21005	7590	03/08/2007	EXAMINER	
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.			COLBERT, ELLA	
530 VIRGINIA ROAD			ART UNIT	PAPER NUMBER
P.O. BOX 9133			3694	
CONCORD, MA 01742-9133				
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS	03/08/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	09/136,244	BEIZER ET AL.	
	Examiner	Art Unit	
	Ella Colbert	3694	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 04 December 2006.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-58 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) Claim(s) _____ is/are allowed.
6) Claim(s) 1-58 is/are rejected.
7) Claim(s) _____ is/are objected to.
8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____.
4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
5) Notice of Informal Patent Application
6) Other: _____.

DETAILED ACTION

1. Claims 1-58 are pending. Claims 1, 28, and 37 have been amended in this communication filed 12/04/06 entered as Request for Continued Examination.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/04/06 and Amendment filed 11/09/06 has been entered.

Claim Objections

3. Claims 1 and 28 are objected to because of the following informalities: Claim 1 recites "... workfolder creation; said workfolder containing ...". This claim limitation would be better recited as "... workfolder creation; and said workfolder containing ...". Claim 28 has a similar problem. Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
5. Claims 1, 28, and 37 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to

one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The amendment to claims 1, 28, and 37 reciting "... embedding document contents," is not found in Applicants' Specification. The places in the Specification where "embedding" is found is as follows: on page 4, line 9 which recites "standards such as object linking and embedding (OLE) Automation or common"; page 7, line 25 recites "(embedded or linked) to the File Object hook 34 in a manner similar to adding"; and page 11, lines 12 and 13 recite "22 provides a location in which one or more user scripts are embedded within the Workfolder 10. Each script ...". None of these pages and line numbers mention about the workfolder containing a contents node for storing primary data including "embedding document contents", said contents node containing one or more placeholders".

Claim Rejections - 35 USC § 112

6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 1, 28, and 37 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, the first claim limitation recites "... which said documents may or may not exist ...;". This claim limitation is not positively recited. The claim limitation would be better recited "... which said documents will or will not exist ...;". The second claim limitation recites "..., ..., ... new documents expected to be added to said workfolder ...,"

...". This claim limitation is not positively recited. The claim limitation would be better recited "..., ..., ... new documents to be added to said workfolder ... , ...". The term expected is defined as "hoped, looked, to await some occurrence or outcome".

Claims 1, 28, and 37 contain a clause of intended use in the independent claims which renders the claims indefinite. Specifically, claim 1, the first claim limitation recites "wherein each placeholder structurally includes (i) a file object hook to which a primary data document can later be linked and (ii) a deadline element having a triggering condition ...".

The Examiner considers these limitations to only recite what is expected to happen, a desired result, or an intended use. The MPEP discusses a type of limitation in reference to "wherein" clauses. MPEP § 2111.04 states:

Claim scope is not limited by claim language that suggests or makes optional but does not require steps to be performed, or by claim language that does not limit a claim to a particular structure. However, examples of claim language, although not exhaustive, that may raise a question as to the limiting effect of the language in a claim are:

- (A) "adapted to" or "adapted for" clauses;
- (B) "wherein" clauses; and
- (C) "whereby" clauses.

While a "thereby" clause is not enumerated in the list of examples above, the MPEP expressly states that the list is not exhaustive. In the instant case, the "thereby"

clause has the same effect as the above phrases, in that the claim is ambiguous as to whether the "sensing device is able to generate the indicating data".

The MPEP also states in 2172.01:

... a claim which fails to interrelate elements as defined by applicant(s) in the specification may be rejected under 35 USC 112, second paragraph, for failure to point out and distinctly claim the invention.

Claims 28 and 37 have a similar problem with the claim limitations.

Claims 2-13, 15-27, 29-36, and 38-58 are also rejected because they depend from a rejected base claim.

Conclusion

8. The application should be in condition for allowance when these issues are overcome and if there are no other remaining issues or prior art found to reject the claims.

Inquiries

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ella Colbert whose telephone number is 571-272-6741. The examiner can normally be reached on Monday, Tuesday, and Thursday, 5:30AM-3:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

March 3, 2007



ELLA COLBERT
PRIMARY EXAMINER